

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated below.

1. (Currently Amended) A mixture free of isocyanate-reactive functional groups, containing at least one of

- isocyanate groups and no groups activable with actinic radiation and
- isocyanate groups and groups activable with actinic radiation

as the sole or predominant reactive functional groups; and also

at least one a mixture of at least three initiators activable by actinic radiation, selected from the group consisting of a combination of unimolecular (type I) and bimolecular (type II) photoinitiators.

2. (Original) A mixture as claimed in claim 1, wherein the actinic radiation is UV radiation or electron beams.
3. (Currently Amended) A mixture as claimed in claim 1-, wherein the initiator activable with actinic radiation is a photoinitiator.
4. (Canceled)
5. (Original) A mixture as claimed in claim 4, wherein the photoinitiator of type I is selected from the group consisting of benzophenones in combination with tertiary amines, alkylbenzophenones, 4,4'-bis(dimethylamino)benzophenone (Michler's ketone), anthrone, and halogenated benzophenones, and the photoinitiator of type II is selected from the group consisting of benzoin, benzoin derivatives, especially benzoin ethers, benzil ketals,

acylphosphine oxides, especially 2,4,6-trimethylbenzoyldiphenylphosphine oxide, bisacylphosphine oxides, phenylglyoxylic esters, camphorquinone, alpha-aminoalkylphenones, alpha,alpha-dialkoxyacetophenones, and alpha-hydroxyalkylphenones.

6. (Presently Presented) A mixture as claimed in claim 1, wherein the groups activable with actinic radiation contain at least one bond which can be activated with actinic radiation.
7. (Original) A mixture as claimed in claim 6, wherein the bond which can be activated with actinic radiation is selected from the group consisting of carbon-hydrogen and carbon-halogen single bonds, carbon-carbon, carbon-oxygen, carbon-nitrogen, carbon-phosphorus, and carbon-silicon single bonds and double bonds, and carbon-carbon triple bonds.
8. (Presently Presented) A mixture as claimed in claim 7, wherein the bond which can be activated with actinic radiation is a carbon-carbon double bond .
9. (Original) A mixture as claimed in claim 8, wherein the bond which can be activated with actinic radiation is present in a group activable with actinic radiation, selected from the group consisting of (meth)acrylate, ethacrylate, crotonate, cinnamate, vinyl ether, vinyl ester, dicyclopentadienyl, norbornenyl, isoprenyl, isopropenyl, allyl, and butenyl groups; dicyclopentadienyl ether, norbornenyl ether, isoprenyl ether, isopropenyl ether, allyl ether, and butenyl ether groups; and dicyclopentadienyl ester, norbornenyl ester, isoprenyl ester, isopropenyl ester, allyl ester, and butenyl ester groups.
10. (Original) A mixture as claimed in claim 9, wherein the group which can be activated with actinic radiation is an acrylate group.
11. (Presently Presented) A mixture as claimed in claim 1, wherein the isocyanate-reactive functional groups are selected from the group consisting of hydroxyl groups, thiol groups, primary and secondary amino groups, and imino groups.

12. (Presently Presented) A mixture as claimed in claim 1, wherein the isocyanate groups or the isocyanate groups and the groups which can be activated with actinic radiation are the sole reactive functional groups present in the mixture.
13. (Presently Presented) A crosslinking component of a two component or multi component system comprising as a crosslinking component a mixture as claimed in claim 1 and comprising at least one initiator activable by actinic radiation.
14. (Currently Amended) A two-component or multi-component system comprising at least one initiator activable by actinic radiation and comprising
- (I) at least one component free of isocyanate groups, containing groups activable with actinic radiation and isocyanate-reactive functional groups as the sole or predominant reactive functional groups and
 - (II) at least one component free of isocyanate-reactive functional groups and comprising
 - isocyanate groups and no groups activable with actinic radiation or
 - isocyanate groups and groups activable with actinic radiation,as the sole or predominant functional groups,

in which all or most of a mixture of at least three the-initiators activable with actinic radiation is present in component(s) (II), and the mixture of at least three initiators is selected from the group consisting of a combination of unimolecular (type I) and bimolecular (type II) photoinitiators.

15. (Original) A system as claimed in claim 14, wherein all of the initiator activable by actinic radiation is present in component(s) (II).
16. (Presently Presented) A system as claimed in claim 14 , wherein the groups which can be activated with actinic radiation and the isocyanate-reactive functional groups are the sole reactive functional groups present in component(s) (I).
17. (Presently Presented) A system as claimed in claim 14, wherein the isocyanate groups or the isocyanate groups and the groups which can be activated with actinic radiation are the sole reactive functional groups present in component(s) (II).
18. (Presently Presented) The system as claimed in claim 14, wherein the equivalents ratio of isocyanate-reactive functional groups in component(s) (I) to the isocyanate groups in component(s) (II) is from 0.5:1 to 1:0.5.
19. (Currently Amended) A process for preparing a two-component or multicomponent system comprising ~~ant-least-one~~ initiator activable by actinic radiation, the process comprising separately preparing components (I) and (II),- wherein components (I) and (II) comprise
- (I) at least one component free of isocyanate groups, containing groups activable with actinic radiation and isocyanate-reactive functional groups as the sole or predominant reactive functional groups and
 - (II) at least one component free of isocyanate-reactive functional groups and containing
 - isocyanate groups and no groups activable with actinic radiation or
 - isocyanate groups and groups activable with actinic radiation

as the sole or predominant reactive functional groups

and adding all or most of ~~thea~~ mixture of three initiators activable by actinic radiation to component(s) (II)), wherein the mixture of at least three initiators is selected from the group consisting of a combination of unimolecular (type I) and bimolecular (type II) photoinitiators.

20.-24. (Canceled)

25. (Presently Presented) A coating comprising a system as claimed in claim 14, wherein said coating is cured thermally and with actinic radiation.

26. (Presently Presented) A coating as claimed in claim 25 comprising a clearcoat coating.

27. (Presently Presented) A coating as claimed in claim 25 comprising at least one of a muticoat color paint system and an effect paint system.

28. (Presently Presented) A composition selected from the group consisting of adhesives, sealants and precursors of films and precursors of moldings, comprising the system as claimed in claim 14.